IAP9 Rec'd PCT/PTO 30 NOV 2009

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

Based on PCT/JP2004/007770

Intl. Filing 28 MAY 2004

1st Inventor:

Tsuneo YASUMA

For:

Filed:

Condensed Ring Compound

Atty. Dkt. No.

3176 US0P

Art Unit:

tba

Examiner:

tha

Allowed:

Batch:

Information Disclosure Statement

MAIL STOP PCT P.O. Box 1450 Commissioner for Patents Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, 1.97 and 1.98, Applicants request consideration of the references listed on the attached Form PTO/SB/08A. A legible copy of each listed reference is herewith being provided to the Examiner.

This Information Disclosure Statement is being submitted within 3 months of the filing date of the above-identified application, and before the mailing date of the first Office Action on the merits, thus, no certification or fee is required.

Applicants respectfully request that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of the attached form PTO/SB/08A be returned in accordance with MPEP §609.

Should the Examiner believe that a conference with Applicants' attorney would advance prosecution of this application, the Examiner is respectfully requested to call Applicants' attorney.

(847) 383-3372

(847) 383-3391

Respectfully submitted.

Mark Chao, Ph.D., Reg. No. 37,293

Elaine M. Ramesh, Ph.D., Reg. No. 43,032

Attorney for Applicants

Customer No. 23115

Takeda Pharmaceuticals North America, Inc. Intellectual Property Department 475 Half Day Road Lincolnshire, IL 60069 USA

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO Application Number Based on PCT/JP2004/007770 Filing Date Intl Filing 28 MAY 2004 INFORMATION DISCLOSURE First Named Inventor Tsuneo YASUMA STATEMENT BY APPLICANT Art Unit tba (Use as many sheets as necessary) **Examiner Name** tba Attorney Docket Number 3176 US0P Sheet 1

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US- _{2004/0058965-Abstract}	03-25-2004	Yu Momose, et al.	
		US-			
		US-			-
		US-			
	·	US-			
	-	US-			
		US-			
		US-			
		US-	<u> </u>		
		US-		-	
•		US-			
	<u> </u>	US-			
		US-	-		
		US-		<u> </u>	

			ON PATENT DOCU	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶
	A2	WO02/053547A1-Abstract (US2004/0058965)	07-11-2002	Takeda Chemical Industries		
	A3	WO 02/083616 - Abstract	10-24-2002	Sankyo Company, Limited		
	A4	WO 01/47859 A1	07-05-2001	Abbott Laboratories		
	A5	WO 02/057783 A2	07-25-2002	Glaxo Group Limited		
	A6	EP 1535915 A1	06-01-2005	Takeda Pharmaceutical Co.		
	A7	WO 2004/022551 A1 - Abstract	03-18-2004	Takeda Chemical Industries		

	 _	
Examiner	 Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Occuments at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/558846 IAP9 Rec'd PCT/PTO 30 NOV 2005

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form 1449/PTO	Complete if Known		
		Application Number	Based on PCT/JP2004/007770	
	INFORMATION DISCLOSURE	Filing Date	Intl Filing 28 MAY 2004	
		First Named Inventor	Tsuneo YASUMA	
STATEMENT BY APPLICANT		Art Unit	tba	
	(Use as many sheets as necessary)	Examiner Name	tba	
	Sheet 2 of 4	Attorney Docket Number	3176 US0P	

			U. S. PATENT D	OCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	ļ	Number-Kind Code ^{2 (# known)}			1 iguies Appeal
		US-			
	T	US-			
		US-			
		US-			
· · · · · · · · · · · · · · · · · · ·		US-			
	ļ	US-			
		US-			
	 	US-			-

	FOREIGN PATENT DOCUMENTS						
Examiner Cite Initials* No.1		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶	
	A8	WO 98/38156	09-03-1998	Takeda Chemical Industries			
	A9	WO 99/11255 - Abstract	03-11-1999	Ono Pharmaceutical Co., Ltd			
	A10	WO 00/64876	11-02-2000	Aventis Pharmaceuticals			
	A11	JP 2001-1122817 - Abstract	05-08-2001	Mitsui Chemicals Inc.			
	A12	WO 03/011842 A1	02-13-2003	Bayer Corporation			
	A13	WO 03/074051 A1	09-12-2003	Warner-Lambert Company			

Examiner		Date		
Signature		Considered	1	
	· · · · · · · · · · · · · · · · · · ·		l	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For ²See Kinds Codes of Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
o a collection of information unless it contains a valid OMB control number

Substitute for form	n 1449/PTO	Col	Complete if Known		
		Application Number	Based on PCT/JP2004/007770		
INICODM	IATION DISCLOSURE	Filing Date	Intl Filing 28 MAY 2004		
	· · · · · · · · · · · · · · · · · · ·	First Named Inventor	Tsuneo YASUMA		
	MENT BY APPLICANT	Art Unit	tba		
(Use as many sheets as necessary)		Examiner Name	tba		
Sheet 3	of 4	Attorney Docket Number	3176 US0P		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-			-
		US-			
		US-			
		US-		*,, · · · · · · · · · · · · · · · · · ·	
		US-			
,		US-			
		US-			
		US-			
		US-			

	FOREIGN PATENT DOCUMENTS						
Examiner Cite Initials* No.1		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Π	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵	
	A14	WO 03/089418 A1	10-30-2003	Bayer Pharmaceuticals			
	A15	WO 03/099793 A1	12-04-2003	Takeda Chemical Industries		Г	
	A16	WO 2004/011446 A1	02-05-2004	Bayer Pharmaceuticals			
	A17	WO 2004/010936 A2	02-05-2004	Merck & Co., Inc.			
	A18	EP 1559422 A1	08-03-2005	Takeda Pharmaceutical Co.			
	A19	WO 2004/041266 A1	05-21-2004	Takeda Chemical Industries		Г	

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10/558846 IAP9 Rec'd PCT/PTO 30 NOV 2005

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO	Complete if Known		
	Application Number	Based on PCT/JP2004/007770	
INFORMATION DISCLOSURE	Filing Date	Intl Filing 28 MAY 2004	
	First Named Inventor	Tsuneo YASUMA	
STATEMENT BY APPLICANT	Art Unit	tba	
(Use as many sheets as necessary)	Examiner Name	tba	
Shoot A of A	Attorney Docket Number	3176 USOP	

Examiner	Cite	Document Number	U. S. PATENT D Publication Date	Name of Patentee or Pages, Columns, Lines		
Initials*	Cite No.1	Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US-		•		
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-	1	•••		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)		Or Relevant Figures Appear	T ⁶			
	A20	WO 2005/087710 A1 - Abstract	09-22-2005	Takeda Pharmaceutical Co.				
						L		
						L		
	ļ					-		
						┝		

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Applicant is to place a check mark here if English language.

Transation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.